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PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

TUAPSE PETROLEUM

REFINERY

IMAGERY
ANALYSIS
DIVISION



CIA/PIR 65020

DATE August 1965

COPY

PAGES 11

GROUP 1
Excluded from automatic
downgrading and declassification

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Declass Review by NIMA/DOD

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TUAPSE PETROLEUM REFINERY

1. The Tuapse Petroleum Refinery is located on the eastern outskirts of the Black Sea Port of Tuapse and stretches along the south-east bank of the Tuapse River. The approximate center of the subject refinery is located at geographic coordinates 44 06N - 39 06E, Figures 1 and 2.

The refinery and associated POL storage facilities occupy an irregular, elongate area approximately 9,400 feet by 1,400 feet, Figures 3 thru 8. A rail line parallels the refinery/storage area on the west side but is separated from it by a river. There is a small rail yard opposite the south end of the refinery area but no rail spurs enter the area. The layout of the refinery/storage facility has changed very little since World War II.

The limited quantity of processing equipment present in the refinery area suggests that only preliminary refining is carried out at this facility. The production of gasoline, lube oils, and fuel oil for the tanker fleet that apparently transports a major part of the refinery's product is probable. This interpretation is supported by the large quantity of tankage present, the fact that additional large storage tanks have been recently built, and the limited processing equipment and new construction in the refinery area. Total present tankage includes 28 large, 55 medium and approximately 50 small POL tanks.

2. The components of the Tuapse Refinery (Numbers keyed to overlay, Figure 7) are:

No. 1 - This area contains 41 product/crude storage tanks, a large warehouse-type building, and several small structures, some of which probably house pumping equipment.

No. 2 - This area contains 25-30 structures, most of which appear to be storage or small shop-type buildings. There is no recognizable processing equipment in this area.

No. 3 - There are at least 34 POL tanks in this area, 26 of which occupy a rectangular space in the central part and are probably used for product storage. There are probable small processing sections adjacent to the tank farm on the north, east and west sides. The north end of the area appears to be the site of considerable construction activity, the nature of which is not yet apparent.

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The three rectangular earthen tanks in the NW corner of the area probably contain petroleum residues but could be used for water treatment purposes.

Nos. 4, 5 and 6 - The area including these numbers appears to be the main processing area of the Tuapse Refinery. The south end of the area, No. 4, contains three large cooling towers and a probable steam/power plant and several nondescript buildings. The area around No. 6 contains numerous small tanks and probable distillation equipment. The size and arrangement of the tankage suggest that lube oils are one of the principal products of this section. There are 12 large storage tanks distributed along the eastern boundary of the area, No. 5. The types of processing equipment are not identifiable on the available photography.

No. 7 - This area contains five large probable crude storage tanks with a base for a sixth apparently complete. The tanks have been erected since [REDACTED]

3. All measurements have been made by the CIA/IAD/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

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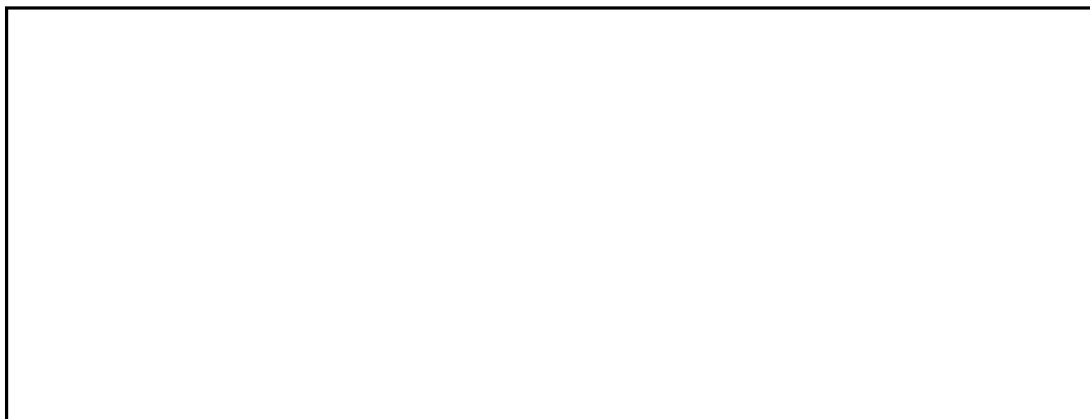
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REQUIREMENT

CIA. C-RR5-82,477

CIA/IAD PROJECT

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FIGURE 1



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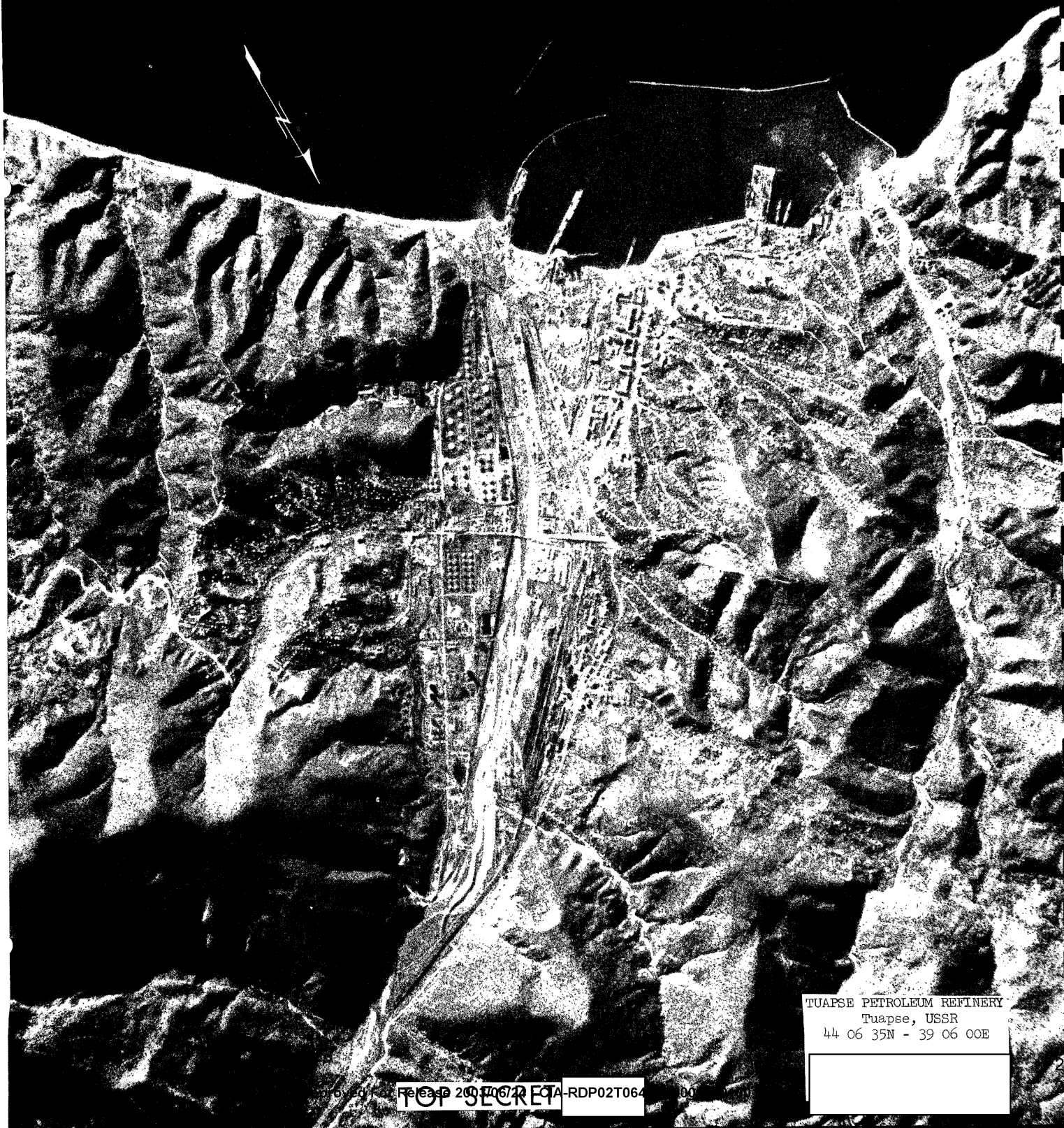
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FIGURE 3



TUAPSE PETROLEUM REFINERY
Tuapse, USSR
44 06 35N - 39 06 00E

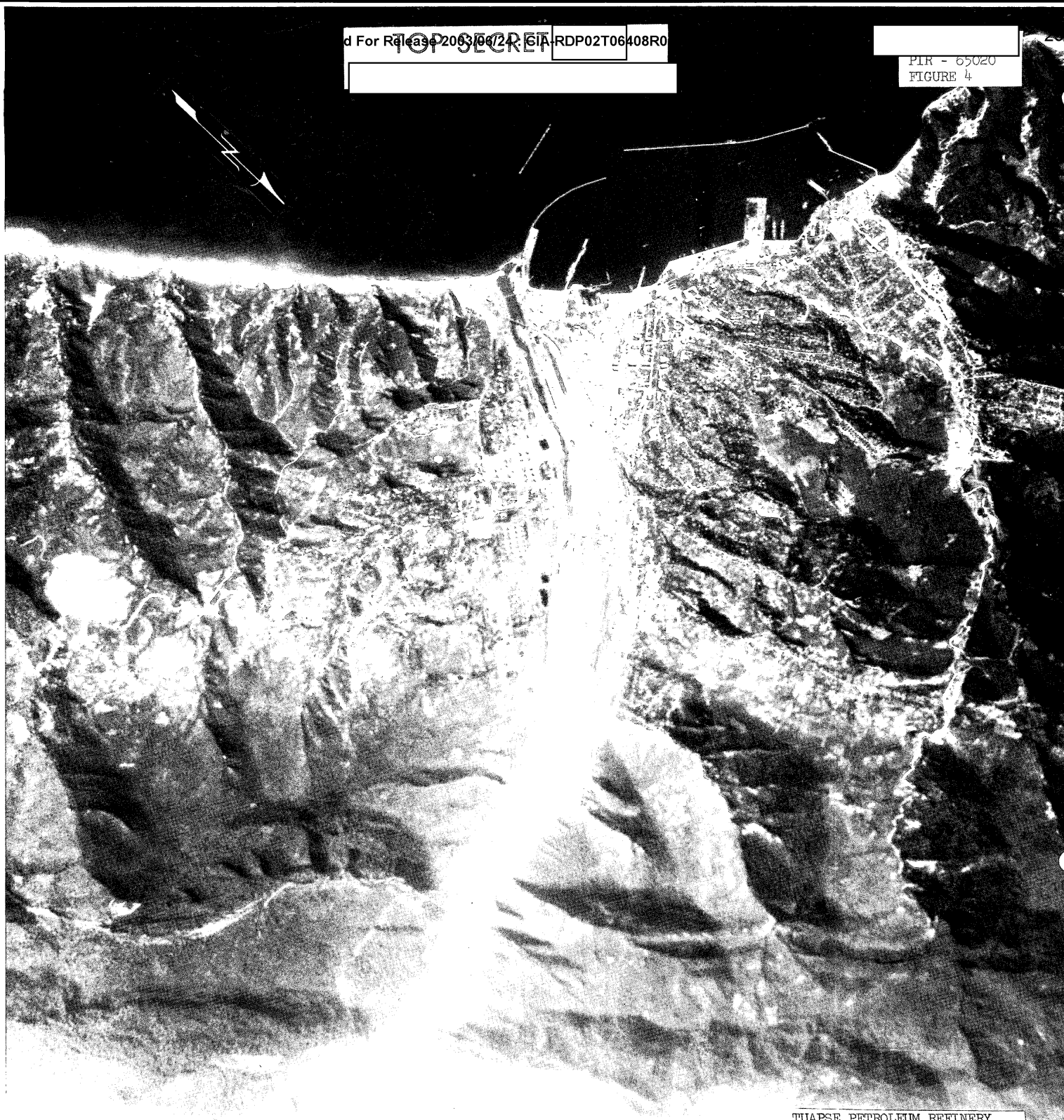
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FIGURE 4



TUAPSE PETROLEUM REFINERY
Tuapse, USSR
44 06 35N - 39 06 00E

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FIGURE 5



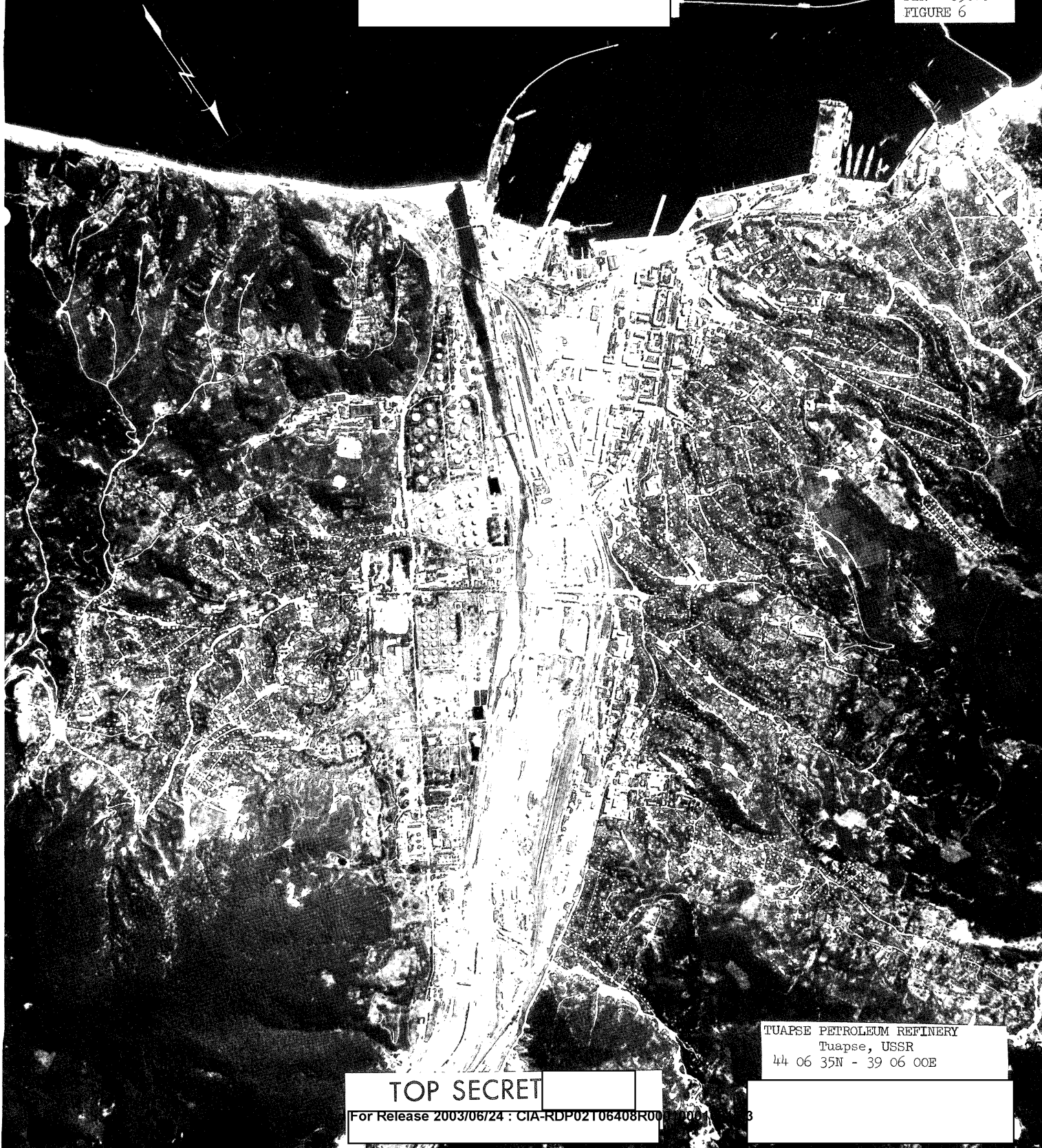
TUAPSE PETROLEUM REFINERY
Tuapse, USSR
44 06 35N - 39 06 00E

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FIGURE 6



TUAPSE PETROLEUM REFINERY
Tuapse, USSR
44 06 35N - 39 06 00E

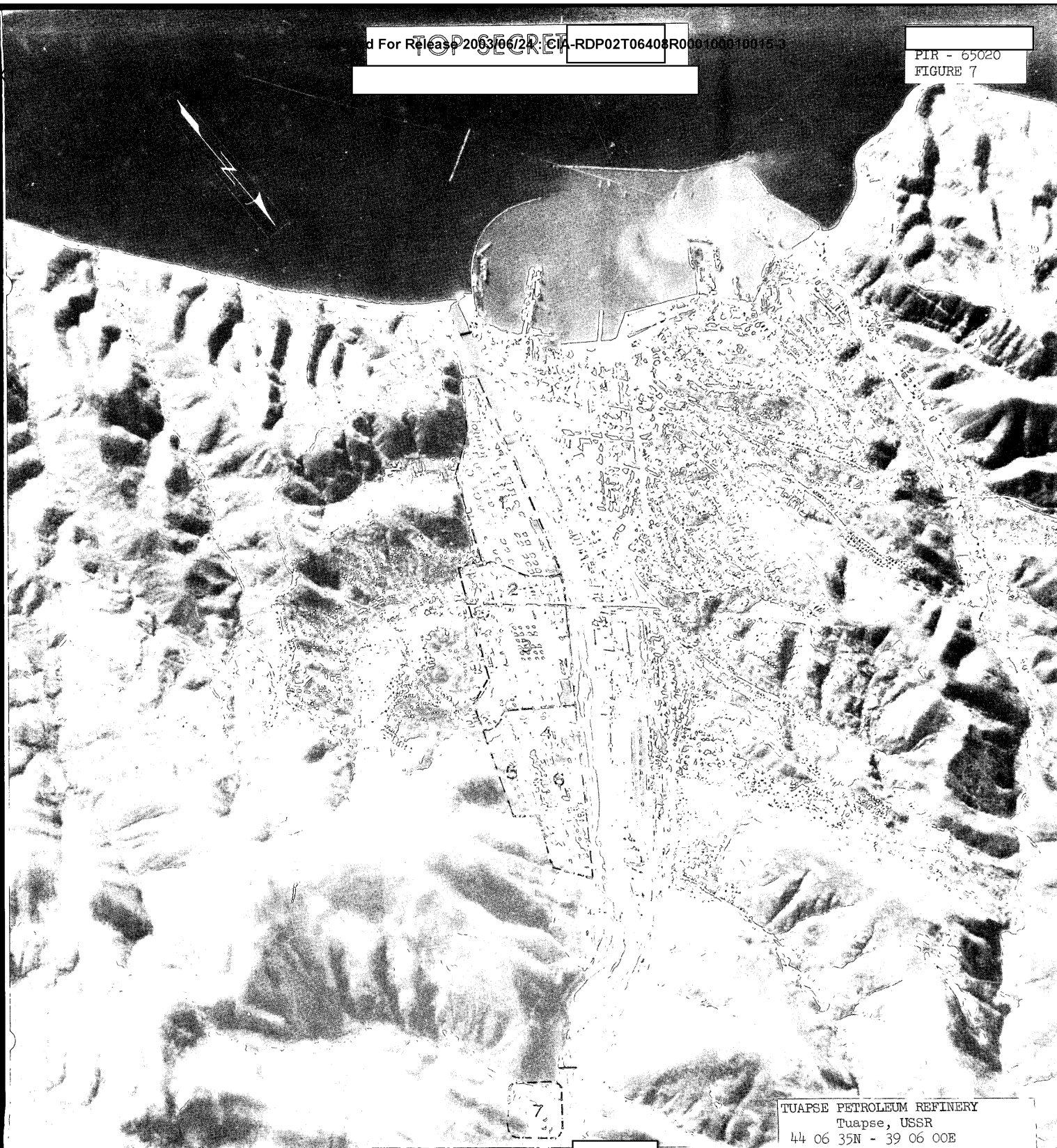
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FIGURE 7



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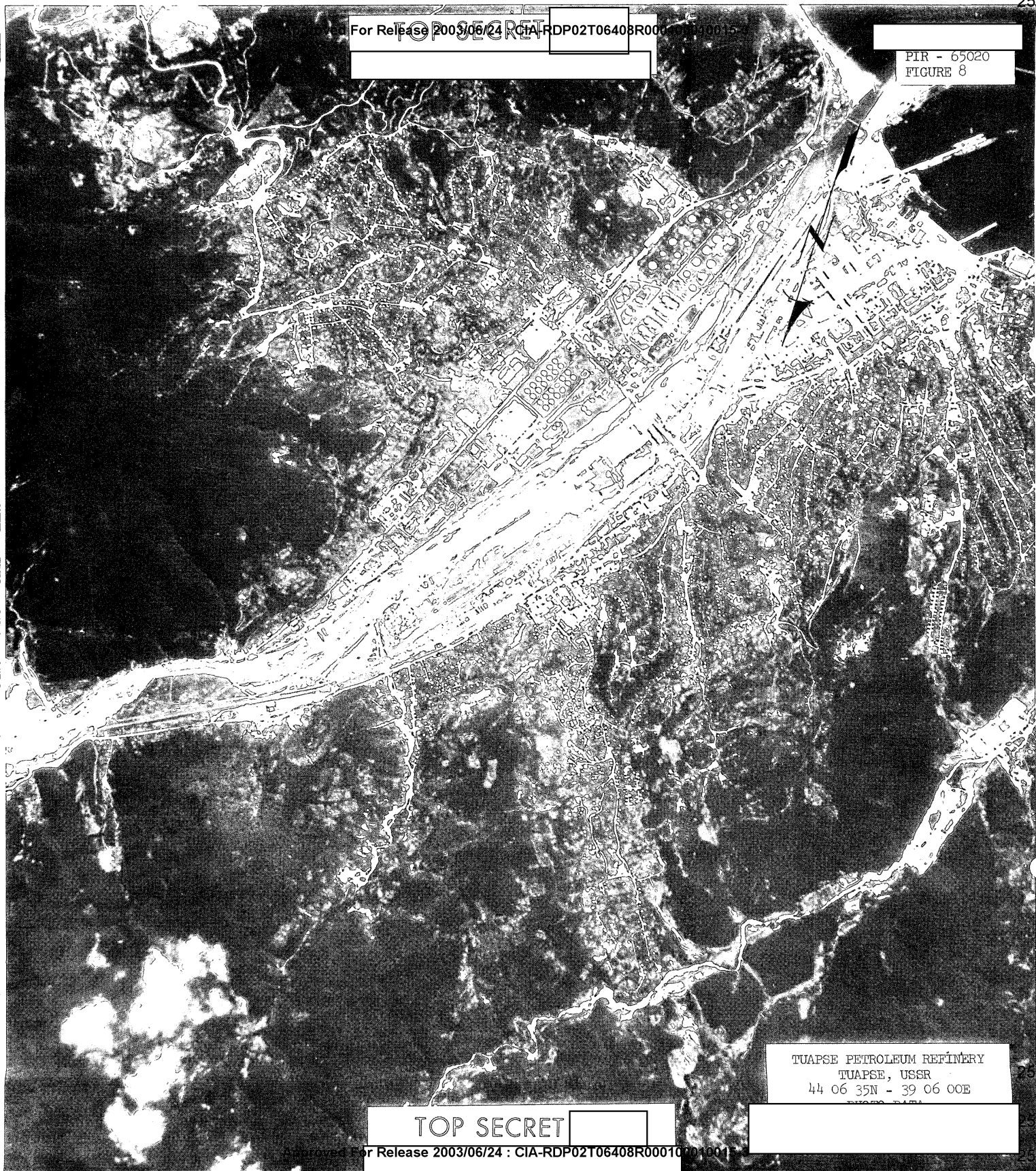
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FIGURE 8



TUAPSE PETROLEUM REFINERY
TUAPSE, USSR
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